

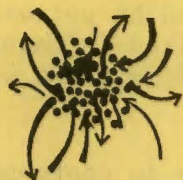
cal poly report



CALIFORNIA POLYTECHNIC STATE UNIVERSITY
SAN LUIS OBISPO, CALIFORNIA 93407

Volume ~~36~~³⁷, Number 35

April 29, 1976



ENGINEERS AND ARCHITECTS EXPECTED AT WORKSHOP

Fifty engineers and architects who are involved in the design and operation of electrical power systems are expected to take part in a professional workshop on power system protection on Thursday and Friday, April 29 and 30, at Cal Poly. Featured during the program, which is being presented by the Cal Poly Electric Power Institute, will be an address by Dr. Alan D. Pasternak of Sacramento. A member of the California State Energy Resources Conservation and Development Commission, he will speak during a banquet meeting at 7 p.m. on Thursday at This Old House Restaurant near San Luis Obispo.

William F. Horton and Saul Goldberg, coordinators of the program, pointed out that the workshop's emphasis will be on problems of containing electrical power during transmission from the generating plant to the consumer, as compared with protecting power systems from sabotage as the workshop's name might suggest. Dr. Horton is director of the Electric Power Institute and Dr. Goldberg assists with its professional programs. Both are members of Cal Poly's Electronic and Electrical Engineering Department faculty.



POLY ROYAL WINNERS

The Home Economic Department's display on "Pioneering Tomorrow's Needs, Today" won the sweepstakes award in exhibit judging at the 44th annual Poly Royal on Friday and Saturday (April 23 and 24). The home economics display also won special awards for most original, most educational, and best theme representation in the spectacular campus open house. The Graphic Communications Department display, titled "Printing on Our Heritage," was the second place winner, and the expansive displays of the Ornamental Horticulture Department students won third place.

Display winners by schools were: Agriculture and Natural Resources: 1, Ornamental Horticulture; 2, Soil Science; 3, Crops Science; Architecture and Environmental Design: 1, Landscape Architecture; 2, City and Regional Planning; 3, Construction Engineering; Business and Social Sciences: 1, Society for Advancement of Management; 2, Economics; 3, Political Science; Communicative Arts and Humanities: 1, Graphic Communications; 2, Journalism; 3, History; Engineering and Technology: 1, Environmental Engineering; 2, Electronic and Electrical Engineering; 3, Industrial Technology; Human Development and Education: 1, Home Economics; 2, Women's Physical Education; 3, Education; Science and Mathematics: 1, Biological Sciences; 2, Chemistry; 3, Computer Science.

POTTERY SIX CALLS FOR ENTRIES

Student and professional potters from throughout California are being invited to enter a ceramic contest and show at Cal Poly. Known as Pottery 6, the show will open on Monday (May 10) with a reception in the Galerie in the University Union. The show will continue until Friday (June 1). Admission will be free and the public is invited to attend. Sponsored by the ASI Fine Arts Committee, and the Art Department, the contest is open to all potters residing in California. Deadline for entries in the contest is Saturday (May 1). The contest fee is \$5 per entry.

Only original works made of clay and weighing less than 75 pounds will be considered for entrance. There is no limit on how many works a potter can enter. Pottery 6 will be judged by Daniel Rhodes, author of three books that are highly regarded by potters throughout the world. His work in ceramics and sculpture has been exhibited in major shows in the United States and abroad. Purchase and juror's awards totaling \$1300 will be given to winning entries.

The annual contest and show is designed to encourage technical excellence in contemporary fine arts, to develop an appreciation for creative statement, and to provide a showplace for serious potters. Entry blanks and further information about Pottery 6 may be obtained by writing to "Art Department, California Polytechnic State University, San Luis Obispo, Calif., 93407."

LONG BEACH BAND WILL PERFORM

The music of such composers as J.S. Bach, Vivaldi, John Philip Sousa, and Leonard Bernstein will be included in a program to be presented on Saturday, May 1, by the Symphonic Band from California State University, Long Beach. The concert will be presented at 8 p.m. in Chumash Auditorium of the Julian A. McPhee University Union at Cal Poly. The Cal Poly concert is part of a four-day spring concert tour for the Long Beach band, which will also perform in Fresno, Porterville, Modesto, and Fairfield. It is being presented by the Cal Poly Music Department. Gordon G. Norman, conductor of the Cal State Long Beach Band, said the program for the May 1 concert at Cal Poly will be selected from a repertoire that also includes numbers by Vivaldi, Shostakovich, Rimsky-Korsakov, and Sousa. Tickets for the concert at Cal Poly are priced at \$1. They can be purchased in advance from members of the Cal Poly Symphonic Band, which is helping put on the concert, or at the door prior to curtain time on May 1.

MISSION CHURCH SITE FOR CHORAL CONCERT

Mission San Luis Obispo de Tolosa in San Luis Obispo will be the site of a free evening of choral music on Thursday, April 29. The University Singers and Chamber Singers of California State University, Hayward, will be the featured performers for the 8 p.m. concert. Also on the program are the Cal Poly University Singers. The Cal State Hayward students will combine their talents to present a varied program of sacred and secular music using both the larger ensemble and the Chamber Singers, a group of 17 mixed voices. The Chamber Singers will sing a Marian motet by Carlo Gesualdo, one of Ravel's "Trois Chansons," and "Spring Song" by Leonard Bernstein. The University Singers will perform motets for one choir by Orlando di Lasso and Heinrich Schuetz, motets for two choirs by Samuel Scheidt and Felix Mendelssohn, and a triple-choir "Magnificat" by Andrea Gabrieli. The Cal Poly University Singers will open the concert with two selections, "Missa Quaeramus cum Pastoribus," by Cristibal de Morales and "Lie Lightly, Gentle Earth" by Paul Chihara. The Cal Poly ensemble, which include 36 men and women students, recently completed a three-week concert tour of seven California Missions from San Francisco to San Juan Capistrano. The public is invited to attend the Mission concert which is being sponsored by the university's Music Department.

FINAL PROGRAM IN FIRST WEEKEND SERIES SCHEDULED

"The Demystification of Psychic Phenomena" will be the topic of the final presentation of the 1975-76 First Weekend Program Series on Sunday, May 2. Scheduled for 7:30 p.m. in the Staff Dining Room, the program is being presented by Cal Poly's School of Communicative Arts and Humanities. Admission will be free and the public is invited to attend.

The theme of the First Weekend Program Series this year has been "The Human Mind." In keeping with that theme, the final event will deal with psychic phenomena from an interdisciplinary approach. Discussion leaders for the program will be Hubert Page of the Psychology Department and Joanna Verhaar of the Child Development Department. They will focus on the question, "Is the Psychic Phenomena Usable or 'Misable'?"

Page, a teacher and counselor for 25 years, will approach the question from an interdisciplinary angle, stressing the social, psychological, theological, and physical implications. Ms. Verhaar will deal with the question from her experience as a social rehabilitation therapist, which triggered her interest in researching parapsychological approaches to healing.

Bernice Loughran, coordinator of the program series and a member of the Art Department faculty, said the First Weekend Series is sponsored by the University's School of Communicative Arts and Humanities as a means of interdisciplinary communication.

KENNETH HOYT TO VISIT POLY

Dr. Kenneth B. Hoyt, Director of Career Education for the U.S. Office of Education, will be at Cal Poly Wednesday (May 5). Faculty, students, and staff are invited to the no-host cafeteria style luncheon and program scheduled from 11:45 am to 2 pm in the West Dining Hall. Small group and individual consultation will be available with Dr. Hoyt from 2 pm to 3 pm in the same area. Dr. Hoyt became nationally known in the field of career education while serving on the faculty at the University of Iowa and later at the University of Maryland, immediately prior to his appointment at the U.S. Office of Education. Dr. Hoyt is a dynamic speaker and has an important message. Arrangements for the noon program would be facilitated if persons planning to attend could call the Education Department office at Ext. 2584, indicating plans to attend.

JOHN MUIR WILL BE TOPIC FOR CAMPUS PROGRAM

The wilderness of John Muir's time and his struggle to preserve it will be explored during the next presentation of the Arts and Humanities Program Series on Thursday, May 6, at Cal Poly. Keith Nielsen of the Speech Communication Department will speak on "John Muir: American Frontier Spirit and the National Parks Movement," in Room 220 of the Julian A. McPhee University Union. Admission will be free and the public is invited to attend. The program will take place at 11 am.

Dr. Nielsen, who has worked as a ranger-naturalist with the National Park Service and the State of California, will take his audience on a vicarious trek through the frontier wilderness. He also will explain Muir's historical battle to establish a national park system.

The Arts and Humanities Program Series is presented by Cal Poly's School of Communicative Arts and Humanities and by the school's Student Council. Still remaining in the 1975-76 series is a lecture on May 20. Titled "Ink on Paper: Recording American Words," it will be presented by Eugene Coleman of the Graphic Communications Department.

SPRING BAND CONCERT COMING

The role of band music in American musical tradition will be the theme of the annual Spring Concert to be presented Saturday (May 15) by the Cal Poly Symphonic Band. Sponsored by the Music Department, School of Communicative Arts and Humanities, and Associated Students, Inc., the program will begin at 8:15 pm in Chumash Auditorium. The 1976 Spring Concert will be performed in commemoration of the nation's bicentennial, drawing almost exclusively from the works of American composers.

The 80-member Symphonic Band will be joined in the concert by the 45-member University Winds, the Percussion Ensemble, and the newly-formed Brass Quintet and Saxophone Septet, according to William V. Johnson (Music) conductor of the band. Guest conductor for the program will be Warren Balfour, director of instrumental music at Cuesta College. Tickets for the concert are being sold in advance at the University Union ticket office and by members of the Symphonic Band. They are priced at \$2 for adults and \$1 for students.

MULTIMEDIA ARCHITECTURE PROGRAMS

Two photographic essays will be sponsored by the School of Architecture and Environmental Design Council in University Union 220 on Thursday (May 20) at 7:30 pm and 8:15 pm. The shows are open to students and the public. These multimedia presentations, as presented by Sharad Atré (Architecture and Environmental Design), are documentations of great cultures, illustrating the life, religion, art, and architecture and the rich and colorful heritage of India, Mexico and seven countries in the Central America area. The presentations are organized with transparencies and with authentic music to create distinct image and moods befitting the subtle subject matter.

Mr. Atré has received recognition for this presentation from the American Institute of Architects as well as from the Association of Educational and Communications Technology and has represented both Cal Poly and San Luis Obispo County with his work. Special thanks go to the County Schools Office for their cooperation in lending projection equipment to Mr. Atré.

FILIPINO ETHNIC EVENING PLANNED

The sights and sounds of Filipino dancing and stick fighting will fill the Cal Poly Theatre on Saturday (May 8). The evening of dance will feature the Luzviminda Dance Company of Stockton and the Filipino Academy of Kali. Beginning at 8 pm, the dance company will delight the audience in its first Cal Poly performance since October, 1974, when it received a standing ovation. Tickets for the event, available at University Union ticket office, are \$3 general admission and \$1.50 student admission.



BICENTENNIAL TIME-LINE

The Committee of Great Neck, New York, forbids all persons from "every kind of civil, mechanical, and commercial intercourse" with disarmed Tory Israel Rogers, a "deluded and obstinate person."

SPRING FLING COMING

The 1976 Spring Fling of the Cal Poly University Club will be held this year on Saturday (May 15) at Atascadero Lake, Pit #1. Top sirloin barbeque will be served at 12 noon. Those who want their steak done the way they like it, please be there on time. Tickets for University Club members will be \$4.00, for non-club members \$5.00.

Tickets may be obtained from the following: "Bob Adams (Plant Operations)," "Howard Brown (Ornamental Horticulture)," "Rus Anderson (Animal Science)," "Bob Baldrige (Theatre)," "Jim Barrios (Custodial)," "Louie Budoff (Foundation)," "Everett Dorrrough (Food Services)," "Jim Neelands (Science and Mathematics)," "Charles Mendenhall (Public Affairs)" "Ferd Herriman (Grounds)," "Ed Roberson (Power Plant)," "Murray Smith (Speech Communication)," "Owen Servatius (Business)," "Dick Tartaglia (Plant Operations)," "Bill Troutner (Crop Science)."

WOMEN'S CLUB MAY LUNCHEON TO BE HELD ON MAY 8

Saturday, May 8, is the date set for the Cal Poly Women's Club's annual May Luncheon to be held at 12 noon in Vista Grande. The menu of hot chicken, vegetables, salad, and dessert will be followed by installation of Officers for 1976-77, presentation of Honorary Life Members, and introduction of six women students receiving scholarships from the club. Tickets at \$3.50 may be purchased from Gladys Dickson, 543-1928. Members and their house guests are invited.

RETIREMENT PLANNING ASSISTANCE AVAILABLE

A representative of the Public Employees' Retirement System will be on campus June 2, 3, and 4. For an appointment with the representative, please phone the Personnel Office (extension 2236) by May 7.

MOTHER'S DAY AT VISTA GRANDE

Everette S. Dorrrough (Foundation Food Services Director) has announced a special Mother's Day Dinner to be held at Vista Grande Restaurant on Sunday (May 9) between the hours of 1 pm and 9 pm. The menu will include the following: choice of soup or garden fresh green salad, roast prime rib of beef au jus, baked potato, french rolls, french apple or coconut cream pie, coffee or tea. Price for the special Mother's Day Dinner will be \$4.95 per person, and a child's plate will be available for \$3.25.

HAWAIIAN LUNCH SPECIAL

Everette S. Dorrrough (Foundation Food Services Director) has announced a special Hawaiian lunch to be held at Vista Grande Restaurant on Wednesday (May 5) between the hours of 11 am and 2 pm. The Hawaiian lunch menu will include: bean-sprout salad, pineapple teriyaki beef, Hawaiian style fried rice, green beans orientale, pineapple angel pie, banana muffins, and coffee or tea. The price for Vista Grande Restaurant's Hawaiian lunch will be \$2.25 per person.

APRIL SALARY WARRANTS WILL BE AVAILABLE ON FRIDAY

April salary warrants for faculty and staff of the university will be available at 4 pm on Friday (Apr. 30), the last day of the pay period. Warrants batched by department may be picked up at the Cashier's Office, Adm. 131-E, and those picked up on an individual basis may be picked up in the Business Affairs Division Office, Adm. 114, after that time.

WHO...WHAT...WHEN...WHERE???

Paul R. Neel (Architecture and Environmental Design) attended the California Council of the American Institute of Architects Professional Development Committee meeting at CCAIA Headquarters in San Francisco Apr. 21. Mr. Neel is a member of the committee.

Jens G. Pohl (Architecture and Environmental Design) participated in a review of long-range planning computer workload projection model at the Chancellor's Office April 13. Between Apr. 19 and 24 he assisted in Central Timesharing Benchmark Evaluation at CDC headquarters in Minneapolis.

Robert E. Kennedy (President) delivered the Welcoming Address to the Seventeenth Annual Meeting of the Western Division, Academy of Management in Santa Barbara on Apr. 9. The Business Administration Department served as the host for this meeting. Carroll R. McKibbin (Dean, Business and Social Sciences) represented the School. David S. Adorno (Head, Business Administration), Sara A. Behman (Associate Dean, Business and Social Sciences) and Charles E. DeLong (Business Administration) served as concurrent session chairpersons. Geraldine B. Ellerbrock (Business Administration) presented a paper titled "Faculty Unionization: An Examination of Some Implications," while James B. Lau (Business Administration) and Robert E. Alberti (Counseling) were members of a Panel Discussion on "Experiential Learning Methods in Organizational Behavior Courses." Other members of the Department of Business Administration in attendance were Roy E. Anderson, Milton Drandell, Weston A. McCormac, Ernest C. Miller, Eugene L. O'Conner, Edward Reighard, Rol W. Rider, Jr., Rolf E. Rogers, Owen L. Servatius, and Paul Zivkovich (all Business Administration). Barbara A. Lund served as staff secretary. Fourteen senior student members of the Society for the Advancement of Management (SAM) volunteered their services in positions of Administrative Assistants.

Walter E. (Walt) Elliott (Physics) recently spent two days (Mar. 29 & 30) at Stanford University completing work and study requirements for a National Science Foundation and American Association for the Advancement of Science jointly sponsored conference series for academic year 1975-76, titled "Treatment and Critical Evaluation of Experimental Data."

Walter E. (Walt) Elliott (Physics) lectured to physics students and conferred with staff at San Diego Test Center during Mar. 16-18. Dr. Elliott is Director of the Test Center, which field tests material for Career Oriented Pre-Technical Physics Curriculum Project (COPP). Dr. Elliott serves as Administrative Assistant for COPP, which is currently distributing its materials in various school districts throughout the nation.

David E. Nutter (Business Administration) was the guest speaker at the Channel Counties Chapter of the California Society of CPA's first annual Accounting Student Recognition Night dinner on Apr. 19 in Santa Barbara.

Mildred E. Roske (Home Economics) participated in the National Association of Art Education convention in St. Louis held Apr. 11-16. She presented two papers: "Research in Relations of People and Houses" and "Enquiry Models for Environmental Design Education."

Michael R. Malkin (Speech Communication) authored the film strip "Punch and Judy, the History of a Popular Folk Theatre" for Communications Media Productions. Dr. Malkin and his wife, Pamela Malkin, co-authored the article "Arts: Theater in the Classroom." Part I of this article was published in the Nov. 1975 issue of Teacher and Part II in the Dec. 1975 issue. Their article "Readers Theatre: A New Stage for Learning" appeared in the Apr. 1976 issue.

Charles W. Quinlan (Architecture and Environmental Design) attended the California Land-Use Planning and Development Law: Current Practices and Future Directions Conference - a University of California extension offering held Apr. 23 in Anaheim.

NEW EMPLOYEES AND PROMOTIONS

Donald L. Shelton (Director, Personnel Relations) announces the following appointments to new positions and promotions in the support staff personnel for April, 1976. A hearty welcome is extended to the new members of the Cal Poly staff and congratulations to those that have been promoted.

NEW EMPLOYEES:

| | | |
|--------------------|----------------------|-----------------|
| Bennett, Sue A. | Department Secretary | Psychology |
| Coleman, Cynthia | Clerical Assistant | Placement |
| Howe, Maryjo | Clerical Assistant | Library |
| Lawrence, Jo Ann | Clerical Assistant | Records |
| Morgan, French H. | Equipment Technician | Biology |
| Morgan, Ima J. | Clerical Assistant | Records |
| Passama, Janice A. | Clerical Assistant | Home Economics |
| Young, Lila M. | Programmer I | Computer Center |

PROMOTIONS:

| | | |
|--------------------|---------------------------------|------------------|
| Everett, Athur A. | Lead Groundswoker | Grounds |
| Gordon, Paul S. | Electrician | Plant Operations |
| Hosford, Evelyn M. | Clerical Assistant | Computer Center |
| Suess, Michael | Personnel Management Specialist | Personnel |

SUPPORT STAFF VACANCIES LISTED

Vacant support staff positions have been announced by Robert M. Negranti (Staff Personnel Officer). Description of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, ext. 2236. Contact the Personnel Office to obtain an application. This university is subject to the requirements of Executive Order 11246 and is an Affirmative Action Employer. All interested persons are encouraged to apply. The positions are:

Skilled Laborer (Electrician Helper), (\$905-\$998/month), Plant Operations, Business Affairs Division. Under direction of Supervising Electrician assists with duties such as changing lights; pulling wire; running conduit; repairing faulty switches; hauling supplies; maintaining shop area; operating forklift, trucks, pickups & other related equipment. Requirements: 6 months in Electrical Apprenticeship Program or qualifying experience in the electrical field directly or indirectly related to the trade; basic electrical knowledge; mechanical ability and aptitude; familiarity with methods and materials of electrical field and safety consciousness. Closing date: May 6, 1976.

Groundswoker (\$756-\$875/month), Grounds, Business Affairs Division. Duties & responsibilities include planting, cultivating, spraying, watering and propagating cuttings; raking leaves, pulling weeds and other grounds maintenance work; supervising student helpers. Requirements: ability to read and write English; one year of full-time experience in flower gardening & grounds maintenance; wide knowledge of diseases and insect pests and familiarity with approved methods and materials used in controlling and eradicating them. Forty hours work week. Must be willing to work weekends if required. Closing date: May 13, 1976.

Department Secretary I-B (\$682-\$829/month), School of Architecture & Environmental Design. Duties & responsibilities include coordinating Supplementary Admissions efforts; scheduling rooms for interviews; working with Counseling Center on testing schedule; implementing and supervising clerical processes; composing correspondence; taking dictation. Requirements: high school graduate, three years of clerical experience, typing 45 wpm, shorthand 90 wpm, and must have taken the General Clerical Test. Closing date: May 6, 1976.

Clerical Assistant II-B (\$649-\$789/month), Placement Office, Student Affairs Division. Temporary position; terminating June 30, 1976. Duties & responsibilities include clerical functions involved with processing placement files and alumni placement fee program; involved with on-campus recruitment program; keeping personnel files, resumes, interview schedules, etc.; assisting with typing and editing employment notices; meeting students, faculty and staff on continuous basis. Requirements: high school graduate, one year of clerical experience, typing 45 wpm, shorthand 90 wpm, and must have taken the General Clerical Test. Closing date: May 6, 1976.

CANDIDATES SOUGHT FOR FACULTY POSITIONS

Candidates for positions on the faculty of the university are presently being sought, according to Donald L. Shelton (Director, Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This university is subject to the requirements of Executive Order 11246 and is an Affirmative Action Employer. All interested persons are encouraged to apply. Following are the descriptions of the available positions:

Lecturer (\$2546-\$6584/quarter, depending upon education and experience), Psychology Department, School of Human Development & Education. Responsibilities include part-time teaching load with the possibility of full-time teaching for Summer Quarter only. Courses to be taught include General Psychology, Social Psychology and Psychology of Learning. Candidate must have Ph.D. or equivalent and college level teaching experience. Position available beginning June 21, 1976. Applications must be received by May 7, 1976.

Lecturer (\$16,248-\$19,752/year), Veterinary Science Department, School of Agriculture & Natural Resources. Duties & responsibilities include teaching courses in Veterinary science and the practice of clinical medicine and surgery. Applicants must possess a doctorate degree in veterinary medicine, be federally accredited and licensed for California. Prior teaching experiences and the practice of food animal medicine are desired. Applications deadline is May 14, 1976.

Lecturer (\$12,732-\$15,480/year), Physics Department, School of Science & Mathematics. Duties & responsibilities include teaching lecture and laboratory classes in undergraduate physics courses. Doctorate degree required. Position anticipated for leave replacement; a position for less than a full year or full time is possible. Closing date is May 20, 1976.

Lecturer (\$12,732-\$15,480/year), Social Sciences Department, School of Business & Social Sciences. Full-time leave replacement position open for Fall, Winter and Spring Quarters, 1976-77 only. Duties & responsibilities include teaching four sections, including Principles of Sociology on the lower division level, and Social Change or another specialty on the upper division level. Completed Ph.D. (or near completion) preferred. Application closing date: May 17, 1976.

Lecturer (\$12,732-\$15,480/year), Social Sciences Department, School of Business & Social Sciences. Full-time position open for Fall, Winter and Spring Quarters, 1976-77 and renewable for subsequent years. Duties & responsibilities include teaching courses on the lower division level and in Social Welfare and Social Services on the upper division level. Specialization in Social Services preferred; the doctorate (or near completion) desirable. Application closing date: May 17, 1976.

Lecturer (\$1698-\$2064/quarter), Social Sciences Department, School of Business & Social Sciences. Part-time position for the academic year 1976-77. Duties include teaching two sections per quarter. Areas of teaching will be Global Geography, Regional Geography of California, Regional Geography of Anglo-America, and Economic Geography. Ph.D. preferred. Application closing date: May 10, 1976.

Lecturer (\$1698-\$2064/quarter), Social Sciences Department, School of Business & Social Sciences. Part-time position for the Fall Quarter with possibility of continuation in Winter and Spring Quarters. Duties & responsibilities include teaching two sections in Cultural Anthropology. Candidates should minimally possess a Master's degree in Anthropology and have previous teaching experience at the college or university level. Ph.D. preferred. Deadline for receipt of applications is May 10, 1976. Position available September, 1976.

Lecturer (\$2166-\$2765/quarter), Transportation Engineering Department, School of Engineering & Technology. Part-time position for 1976-77 academic year. Duties & responsibilities include teaching six units per quarter in traffic engineering, transportation structures, transportation planning, pavement design, and stress analysis. Doctorate in Transportation Engineering plus current relevant industrial experience desired. Applications must be received by May 15, 1976.

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Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Tuesday (May 4) in the Public Affairs Office, Adm. 210. Copy intended for Cal Poly Dateline is due in the Public Affairs Office by 12 noon on Wednesday (May 5).

encouraging notes

April 29, 1976

NSF - Field Initiated Studies and Experimental Projects in Science Education. The National Science Foundation often receives proposals that represent promising, unusual ideas in science education program or combine features of several of them. The Foundation welcomes such proposals, and, to assure that each receives full consideration, has assigned responsibility for them to the Experimental Projects and Problem Assessment Group, Office of Experimental Projects and Programs--a new unit in the Foundation's organization.

Proposals may be submitted for either problem assessment studies (designed to obtain the knowledge and understanding needed before an attack on a specific problem can even be contemplated) or experimental projects (designed to test proposed solutions). Recognizing that these proposals will frequently be "one-of-a-kind," the Foundation has established no specific guidelines. Fields for which support may be requested include the mathematical, physical, biological, medical, engineering, and social sciences, and the history and philosophy of science.

For further information contact: Experimental Projects and Problem Assessment Group, Office of Experimental Projects and Programs, National Science Foundation, Washington, DC, 20550.

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NIAAA Training Grants. The National Institute on Alcohol Abuse and Alcoholism has announced a June 6 deadline for submission of applications to its training program. The purpose of the NIAAA training program is to enhance the capacity and effectiveness of the Institute's programs in research, treatment and rehabilitation services, prevention, and in treatment and control activities aimed at drinking drivers, alcoholic employees, American Indians, and chronic drunkenness offenders.

For further information contact: Training, NIAAA; 5600 Fishers Lane; Rockville, Maryland; 20852.

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NSF - Faculty Research Participation. The National Science Foundation will soon release its Director of Faculty Research Participation for the Summer of 1976. Research laboratories offer academic faculty the opportunity to participate in the facilities ongoing research activities. The purpose of the Faculty Research Participation program is to encourage and assist teachers in re-evaluating the relevance of their course materials to the needs and requirements of their students. Faculty Research Participation projects are for teachers of the biological, physical, or social sciences, mathematics, or engineering actively engaged in teaching at universities, liberal arts colleges, teachers colleges, engineering schools, technical schools, community colleges, or junior colleges. The participant must be a full-time faculty member with an advanced degree and at least five years teaching experience. Support of up to \$600 per week and a travel allowance is available to participants.

For a copy of the directory contact: National Science Foundation; Division of Higher Education in Science; Faculty Research Participation; Washington, DC 20550.

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ACTION Mini-Grants. ACTION has introduced a new "mini-grant" program to support projects utilizing volunteers in working with low income people in the area of social and environmental concerns. College based student-volunteer programs are eligible for support.

Grants of up to \$5,000 may be made. Awards over \$2,000 must be made by cash or in-kind contributions.

For further information contact your regional ACTION office or write: ACTION; 806 Connecticut Avenue, NW; Washington, DC, 20525.

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California Arts Council - Special Projects Program. The CAC has announced that it is accepting applications for its "Special Projects" program. Special Projects is a pilot program aimed at funding new and innovative program categories. Programs to be funded under this category include, but are not limited to: poetry and music festivals, out-reach programs such as mobile film vehicles for schools and other hard-to-categorize programs.

Artists and arts groups interested in applying should send a written request for the "Applicant Information Sheet" to the California Arts Council; 808 "O" Street; Sacramento, CA, 95814.

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NSF - Upcoming Deadline Dates. The Division of Earth Sciences has announced May 15, 1976, as the due date for receipt of proposals on *geology*, *geochemistry*, and *geophysics*. Proposals will be reviewed at the July meeting of the Earth Sciences Advisory Panel. For further information, contact Dr. W. E. Benson at (202) 632-4210.

Future deadlines for receipt of proposals for *anthropological* research are September 1, 1976, January 1, 1977, and April 1, 1977. NSF's programs in the anthropological sciences include cultural and social anthropology, archeology, and physical anthropology. For further information, contact Dr. Nanci Gonzalez, Program Director for Anthropology, (202) 632-4208.

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Office of Water Research and Technology. Support for Water Research Technology during the remainder of FY 1976, will be limited to saline water conversion. OWRT has published its list of research priorities in the area of water conversion technology:

1. Improved reverse osmosis and electrodialysis membranes
2. Improved efficiency of membranes systems
3. Improved feed-water pre-treatment systems
4. Improvement in crystallization desalination processes
5. New desalting technology
6. Applications of desalting technologies

Proposals should be submitted by June 1, 1976. Contact: Director, OWRT; U.S. Department of Interior; Washington, DC, 20240; Attention: Saline Water Conversion Research.

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